

Name: _____

Date: _____

SCREWS

A screw is a _____ machine that has a ridge called a _____ that winds evenly around it. The most common example of a screw is the type you use with a _____, but there are many _____ types of screw. Screws help hold things _____ tightly or they can also be used to make things _____.

screwdriver

different

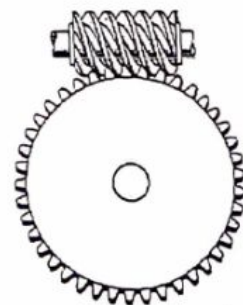
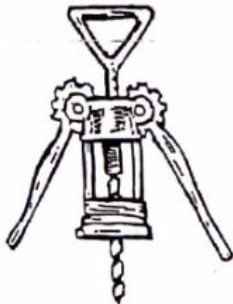
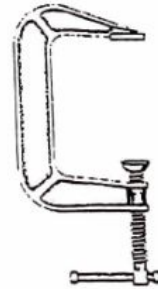
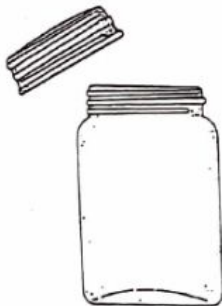
simple

move

thread

together

Below are some pictures of things that use threads. Would you have known all of these are "screws"?



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Levers

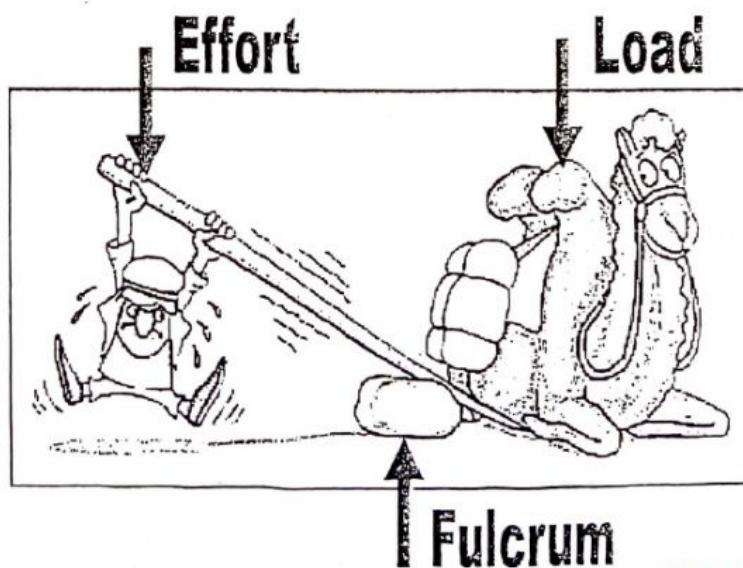
A _____ is a simple machine. It is a stiff bar or
_____. The point of rotation is called the
_____. The bar moves, but the fulcrum does not.

The lever is used for lifting, or _____ an object. It
can help you do _____. It uses
_____ and distance to help make the job easier.

The force you put on the lever is called _____ and
the object being moved is called the _____.

force	effort	work	moving
fulcrum	load	lever	board

On the diagram below the effort, load and fulcrum have been labelled.



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PULLEYS

A pulley is a simple _____. It is a small wheel with a _____ rim around it that holds a _____, or a cord. Pulleys are used to move _____ things. They do work by _____ loads that are too heavy, or too _____ away to reach.

grooved
rope

far
heavy

machine
lifting

Circle the pulley in each of the pictures below.

